



GRANT RECIPIENT
TOWN OF BEVERLY SHORES

YEAR
2010

COUNTY
PORTER

CATEGORY
PLANNING/COORDINATION/
MANAGEMENT

GRANT AWARD
\$45,000

LOCAL SHARE
\$45,000



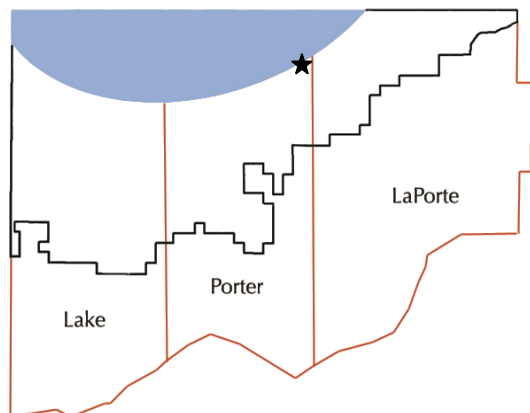
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Derby Ditch Hydrology Habitat Restoration Analysis

The Derby Ditch Hydrology and Habitat Restoration Analysis identified storm water runoff characteristics and habitat restoration opportunities in the Derby Ditch watershed within the Town of Beverly Shores. Derby Ditch is currently a straightened drainage conveyance that drains Indiana Dunes National Lakeshore, Town of Beverly Shores, and Shirley Heinze Land Trust properties directly into Lake Michigan, which has had historically elevated levels of E. Coli.

These areas have experienced increased flooding in the past 3 years, and this project managed a traditional hydrology study that addressed flooding concerns and possible sustainable restoration solutions. Concepts such as developed areas, natural drainage patterns, wetland restoration opportunities, and restoring Derby Ditch into its natural state were analyzed. The Town of Beverly Shores realized that the rare and fragile ecology of the Dunes area is a tremendous cultural asset and used the opportunity to develop a plan to enhance ecological zones.



RESULT: Conducted a Habitat Restoration and Hydrology Analysis to manage the Derby Ditch watershed in the Town of Beverly Shores.